

11/494,943-4

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 MAY 01 New CAS web site launched
NEWS 3 MAY 08 CA/CAPLUS Indian patent publication number format defined
NEWS 4 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 5 MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 6 MAY 21 TOXCENTER enhanced with BIOSIS reload
NEWS 7 MAY 21 CA/CAPLUS enhanced with additional kind codes for German patents
NEWS 8 MAY 22 CA/CAPLUS enhanced with IPC reclassification in Japanese patents
NEWS 9 JUN 27 CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers
NEWS 10 JUN 29 STN Viewer now available
NEWS 11 JUN 29 STN Express, Version 8.2, now available
NEWS 12 JUL 02 LEMBASE coverage updated
NEWS 13 JUL 02 LMEDLINE coverage updated
NEWS 14 JUL 02 SCISEARCH enhanced with complete author names
NEWS 15 JUL 02 CHEMCATS accession numbers revised
NEWS 16 JUL 02 CA/CAPLUS enhanced with utility model patents from China
NEWS 17 JUL 16 CAPLUS enhanced with French and German abstracts
NEWS 18 JUL 18 CA/CAPLUS patent coverage enhanced
NEWS 19 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 20 JUL 30 USGENE now available on STN
NEWS 21 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 22 AUG 06 BEILSTEIN updated with new compounds
NEWS 23 AUG 06 FSTA enhanced with new thesaurus edition
NEWS 24 AUG 13 CA/CAPLUS enhanced with additional kind codes for granted patents
NEWS 25 AUG 20 CA/CAPLUS enhanced with CAS indexing in pre-1907 records
NEWS 26 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 27 AUG 27 USPATOLD now available on STN
NEWS 28 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 19:57:54 ON 31 AUG 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 19:58:01 ON 31 AUG 2007

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STRUCTURE FILE UPDATES: 30 AUG 2007 HIGHEST RN 945894-95-1

DICTIONARY FILE UPDATES: 30 AUG 2007 HIGHEST RN 945894-95-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

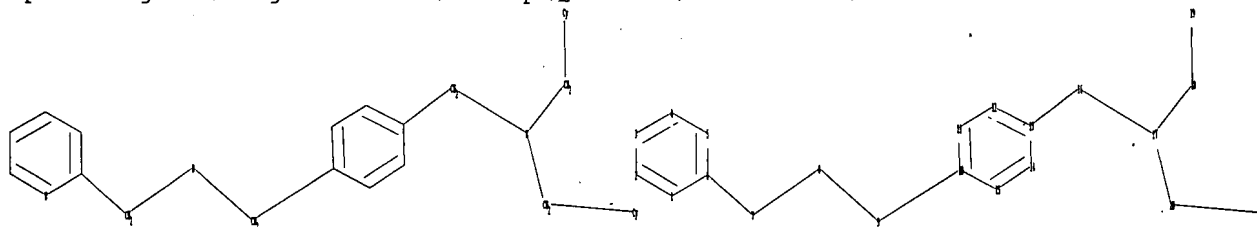
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\114949434.str



chain nodes :

7 8 9 16 17 18 19 20 21

ring nodes :

1 2 3 4 5 6 10 11 12 13 14 15

11/494,943-4

chain bonds :

6-7 7-8 8-9 9-10 13-16 16-17 17-18 17-20 18-19 20-21

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15

exact/norm bonds :

18-19 20-21

exact bonds :

6-7 7-8 8-9 9-10 13-16 16-17 17-18 17-20

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15

isolated ring systems :

containing 1 : 10 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS 18:CLASS 19:Atom

20:CLASS 21:Atom

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 19:58:24 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 82 TO ITERATE

100.0% PROCESSED 82 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1097 TO 2183

PROJECTED ANSWERS: 2 TO 124

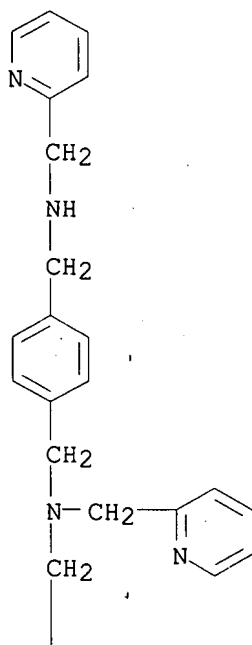
L2 2 SEA SSS SAM L1

=> d scan

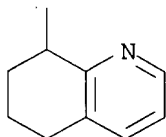
11/494,943-4

L2 2 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 1,4-Benzenedimethanamine, N,N'-bis(2-pyridinylmethyl)-N-[(5,6,7,8-
MF C30 H33 N5 . 47/10 Br H tetrahydro-8-quinolinyl)methyl]-, hydrobromide (10:47) (9CI)

PAGE 1-A



PAGE 2-A

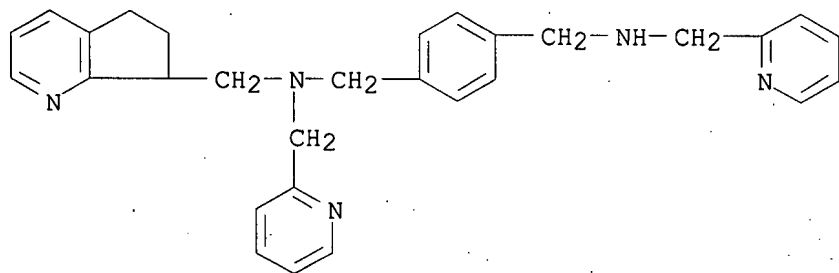


●47/10 HBr

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

11/494,943-4

L2 2 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 1,4-Benzenedimethanamine, N-[(6,7-dihydro-5H-cyclopenta[b]pyridin-7-yl)methyl]-N,N'-bis(2-pyridinylmethyl)- (9CI)
MF C29 H31 N5
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

11/494,943-4

=> s l1 sss ful

FULL SEARCH INITIATED 19:58:42 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1678 TO ITERATE

100.0% PROCESSED 1678 ITERATIONS

16 ANSWERS

SEARCH TIME: 00.00.01

L3 16 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.10

172.31

FILE 'CAPLUS' ENTERED AT 19:58:47 ON 31 AUG 2007

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FILE LAST UPDATED: 30 Aug 2007 (20070830/ED)

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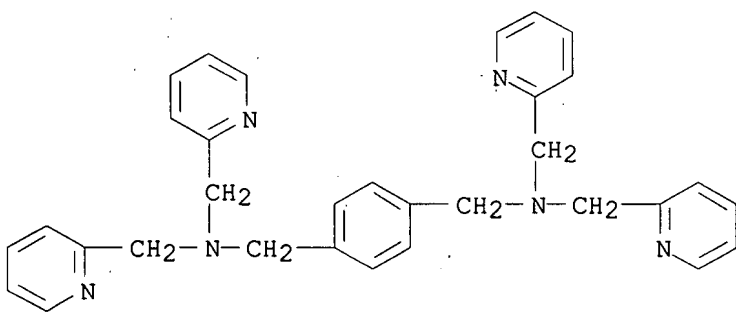
=> s 13

L4 13 L3

=> d 14 1-13 bib hitstr

7

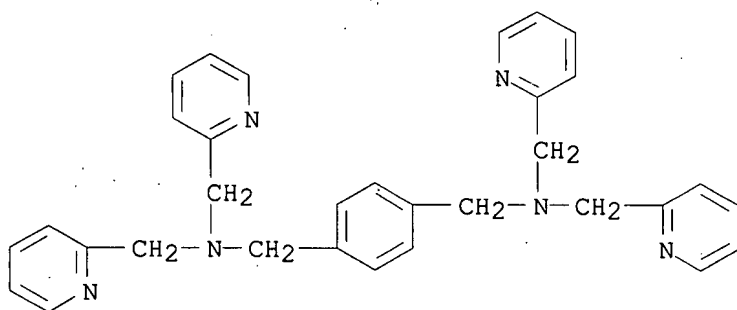
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:936426 CAPLUS
 DN 145:482596
 TI Oxidative DNA cleavage promoted by multinuclear copper complexes: activity
 dependence on the complex structure
 AU Zhao, Yongmei; Zhu, Jianhui; He, Weijiang; Yang, Zhen; Zhu, Yangguang; Li,
 Yizhi; Zhang, Junfeng; Guo, Zijian
 CS State Key Lab. Coordination Chem., Sch. Chem. and Chem. Eng., Nanjing
 Univ., Nanjing, 210093, Peop. Rep. China
 SO Chemistry--A European Journal (2006), 12(25), 6621-6629
 CODEN: CEUJED; ISSN: 0947-6539
 PB Wiley-VCH Verlag GmbH & Co. KGaA
 DT Journal
 LA English
 OS CASREACT 145:482596
 IT 263713-26-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (complexation with copper(II) chloride)
 RN 263713-26-4 CAPLUS
 CN 1,4-Benzenedimethanamine, N,N,N',N'-tetrakis(2-pyridinylmethyl)- (9CI)
 (CA INDEX NAME)



RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/494,943-4

L4 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:427319 CAPLUS
DN 145:95762
TI Identification of a New Class of Low Molecular Weight Antagonists against the Chemokine Receptor CXCR4 Having the Dipicolylamine-Zinc(II) Complex Structure
AU Tamamura, Hirokazu; Ojida, Akio; Ogawa, Teppei; Tsutsumi, Hiroshi; Masuno, Hiroyuki; Nakashima, Hideki; Yamamoto, Naoki; Hamachi, Itaru; Fujii, Nobutaka
CS Institute of Biomaterials and Bioengineering, Tokyo Medical and Dental University, Tokyo, 101-0062, Japan
SO Journal of Medicinal Chemistry (2006), 49(11), 3412-3415
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
OS CASREACT 145:95762
IT 263713-26-4
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(new class of low mol. weight antagonists against the chemokine receptor CXCR4 having the dipicolylamine-zinc(II) complex structure)
RN 263713-26-4 CAPLUS
CN 1,4-Benzenedimethanamine, N,N,N',N'-tetrakis(2-pyridinylmethyl)- (9CI)
(CA INDEX NAME)

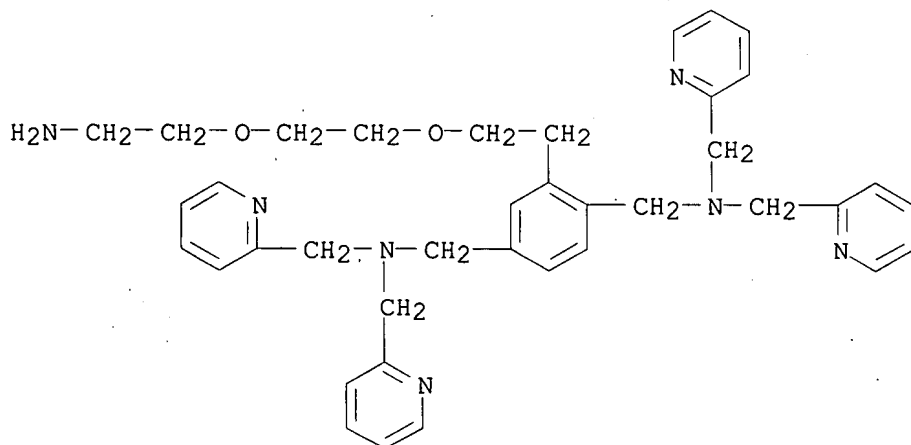


RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/494,943-4

L4 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:116625 CAPLUS
 DN 144:187554
 TI Generic probes for the detection of phosphorylated sequences
 IN Morgenstern, Kurt A.; Boyce, Jim; Chipman, Stewart
 PA Amgen Inc., USA
 SO PCT Int. Appl., 53 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006014645	A1	20060209	WO 2005-US25587	20050720
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	AU 2005269819	A1	20060209	AU 2005-269819	20050720
	CA 2573869	A1	20060209	CA 2005-2573869	20050720
	EP 1771440	A1	20070411	EP 2005-775212	20050720
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
	US 2006089414	A1	20060427	US 2005-186852	20050722
PRAI	US 2004-590705P	P	20040723		
	WO 2005-US25587	W	20050720		
OS	CASREACT 144:187554; MARPAT 144:187554				
IT	875057-37-7 875057-38-8				
	RL: ARG (Analytical reagent use); BSU (Biological study, unclassified); ANST (Analytical study); BIOL (Biological study); USES (Uses) (fluorescent probes for detection of phosphorylated sequences and screening kinase phosphorylation)				
RN	875057-37-7 CAPLUS				
CN	1,4-Benzenedimethanamine, 2-[2-[2-(2-aminoethoxy)ethoxy]ethyl]-N,N,N',N'-tetrakis(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)				

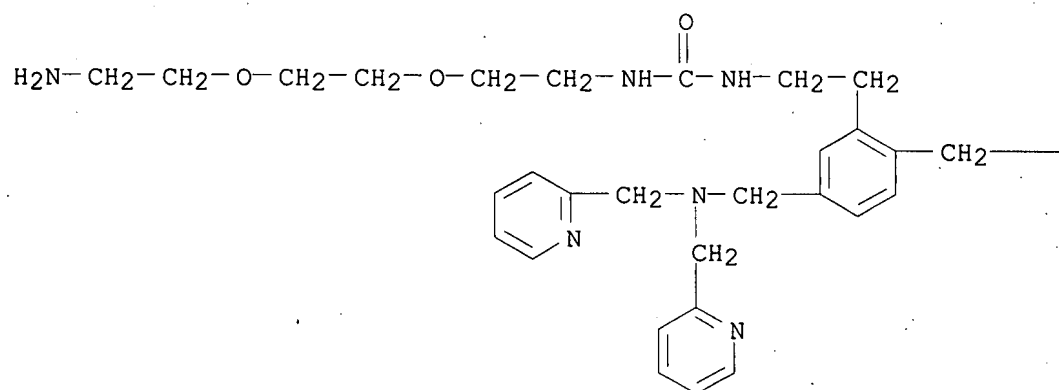


11/494,943-4

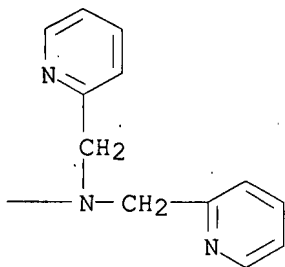
RN 875057-38-8 CAPLUS

CN Urea, N-[2-[2-(2-aminoethoxy)ethoxy]ethyl]-N'-[2-[2,5-bis[[bis(2-pyridinylmethyl)amino]methyl]phenyl]ethyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

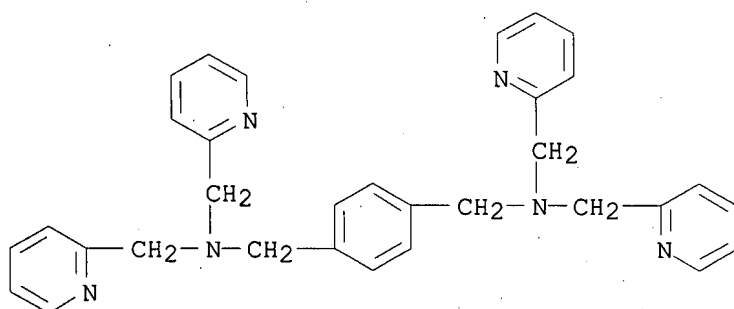


PAGE 1-B



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4	ANSWER 5 OF 13	CAPLUS	COPYRIGHT 2007 ACS on STN
AN	2006:71457	CAPLUS	
DN	144:288129		
TI	Effective Disruption of Phosphoprotein-Protein Surface Interaction Using Zn(II) Dipicolylamine-Based Artificial Receptors via Two-Point Interaction		
AU	Ojida, Akio; Inoue, Masa-aki; Mito-oka, Yasuko; Tsutsumi, Hiroshi; Sada, Kazuki; Hamachi, Itaru		
CS	Department of Synthetic Chemistry and Biological Chemistry, Graduate School of Engineering, Kyoto University, Kyoto, Katsura, 615-8510, Japan		
SO	Journal of the American Chemical Society (2006), 128(6), 2052-2058		
	CODEN: JACSAT; ISSN: 0002-7863		
PB	American Chemical Society		
DT	Journal		
LA	English		
OS	CASREACT 144:288129		
IT	263713-26-4P		
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)		
	(preparation and effective disruption of phosphoprotein-protein surface interaction by Zn(II) dipicolylamine-based artificial receptors via two-point interaction)		
RN	263713-26-4 CAPLUS		
CN	1,4-Benzenedimethanamine, N,N,N',N'-tetrakis(2-pyridinylmethyl)- (9CI)		
	(CA INDEX NAME)		

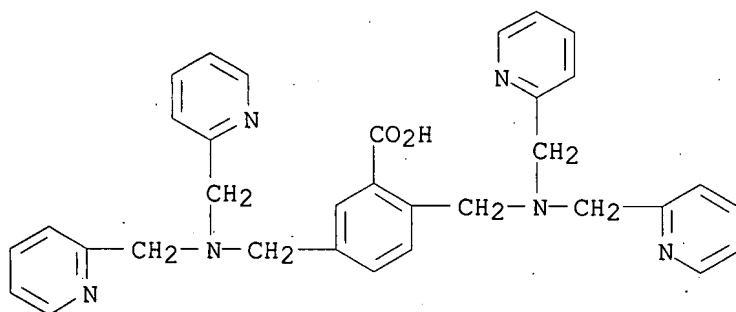


RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/494,943-4

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2004:996203 CAPLUS
 DN 141:408330
 TI Immobilized metal affinity chromatography-based enrichment of
 phosphorylated peptides and/or proteins
 IN Soskic, Vukic; Schrattenholz, Andre
 PA Proteosys AG, Germany
 SO PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004099233	A2	20041118	WO 2004-EP4405	20040427
	WO 2004099233	A3	20050127		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	DE 10321901	A1	20041202	DE 2003-10321901	20030506
	AU 2004235906	A1	20041118	AU 2004-235906	20040427
	CA 2524522	A1	20041118	CA 2004-2524522	20040427
	EP 1622717	A2	20060208	EP 2004-729634	20040427
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
	US 2007134648	A1	20070614	US 2005-555703	20051104
PRAI	DE 2003-10321901	A	20030506		
	WO 2004-EP4405	W	20040427		
OS	MARPAT 141:408330				
IT	791644-33-2DP, Sepharose 4B conjugates, zinc/cobalt complexes				
	RL: ARU (Analytical role, unclassified); NUU (Other use, unclassified); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)				
	(immobilized metal affinity chromatog.-based enrichment of phosphorylated peptides and/or proteins)				
RN	791644-33-2 CAPLUS				
CN	Benzoic acid, 2,5-bis[[bis(2-pyridinylmethyl)amino]methyl]- (9CI) (CA INDEX NAME)				



IT 791644-30-9P 791644-33-2P
 RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP

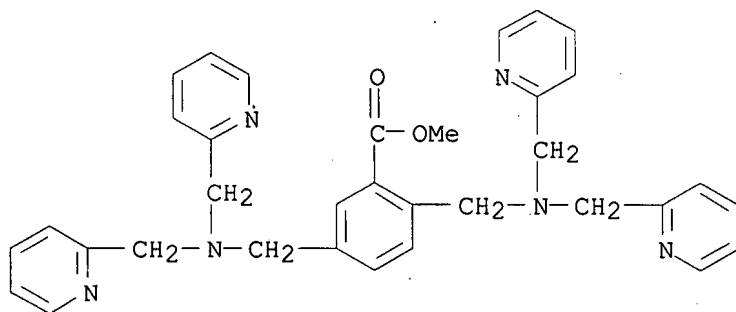
11/494,943-4

(Preparation); RACT (Reactant or reagent)

(immobilized metal affinity chromatog.-based enrichment of phosphorylated peptides and/or proteins)

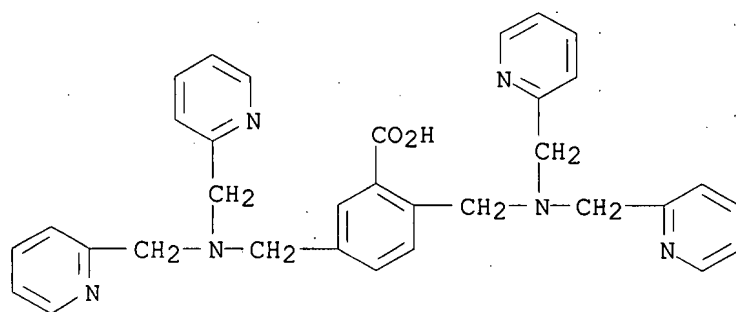
RN 791644-30-9 CAPLUS

CN Benzoic acid, 2,5-bis[[bis(2-pyridinylmethyl)amino]methyl]-, methyl ester (9CI) (CA INDEX NAME)

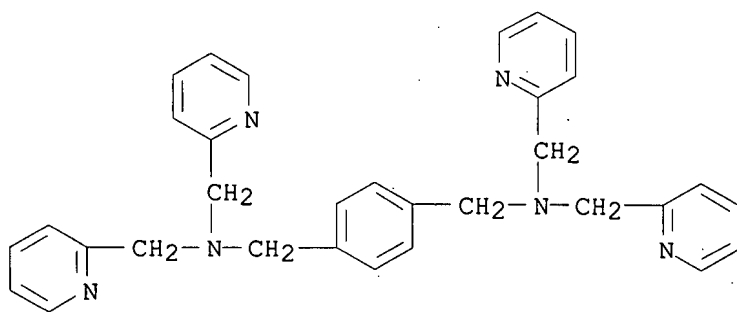


RN 791644-33-2 CAPLUS

CN Benzoic acid, 2,5-bis[[bis(2-pyridinylmethyl)amino]methyl]- (9CI) (CA INDEX NAME)



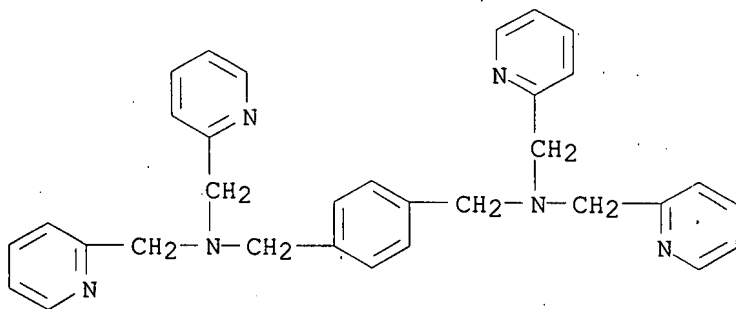
L4	ANSWER 7 OF 13	CAPLUS	COPYRIGHT 2007 ACS on STN
AN	2004:921764	CAPLUS	
DN	142:89069		
TI	Rationally designed chromogenic chemosensor that detects cysteine in aqueous solution with remarkable selectivity		
AU	Han, Min Su; Kim, Dong H.		
CS	Department of Chemistry, Center for Integrated Molecular Systems, Division of Molecular and Life Sciences, Pohang University of Science and Technology, Pohang, 790-784, S. Korea.		
SO	Tetrahedron (2004), 60(49), 11251-11257		
	CODEN: TETRAB; ISSN: 0040-4020		
PB	Elsevier B.V.		
DT	Journal		
LA	English		
IT	263713-26-4		
	RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses) (rationally designed chromogenic chemosensor that detects cysteine in aqueous solution with remarkable selectivity)		
RN	263713-26-4 CAPLUS		
CN	1,4-Benzenedimethanamine, N,N,N',N'-tetrakis(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)		



RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/494,943-4

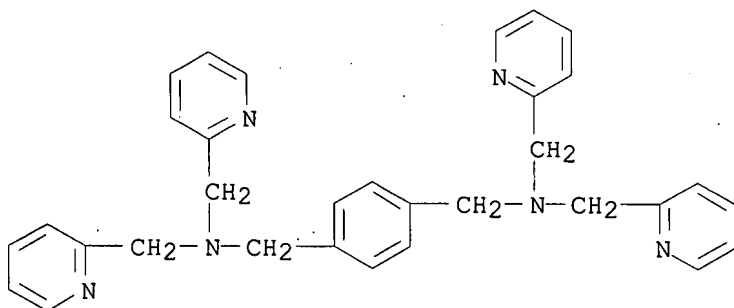
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:104944 CAPLUS
DN 140:423909
TI Dinuclear Zn²⁺ complexes in the hydrolysis of the phosphodiester linkage
in a diribonucleoside monophosphate diester
AU Yashiro, Morio; Kaneiwa, Hideki; Onaka, Kenichi; Komiyama, Makoto
CS Department of Applied Chemistry, Faculty of Engineering, Tokyo Polytechnic
University, Atsugi, Kanagawa, 243-0297, Japan
SO Dalton Transactions (2004), (4), 605-610
CODEN: DTARAF; ISSN: 1477-9226
PB Royal Society of Chemistry
DT Journal
LA English
IT 263713-26-4
RL: PRP (Properties); RCT (Reactant); RACT (Reactant or reagent)
(dinuclear Zn²⁺ complexes in hydrolysis of the phosphodiester linkage
in diribonucleoside monophosphate diester)
RN 263713-26-4 CAPLUS
CN 1,4-Benzenedimethanamine, N,N,N',N'-tetrakis(2-pyridinylmethyl)- (9CI)
(CA INDEX NAME)



RE.CNT 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

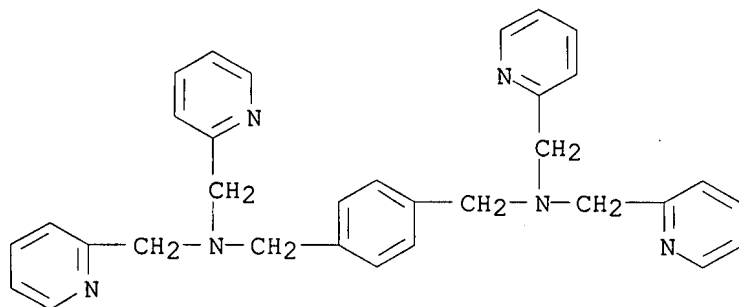
11/494,943-4

L4	ANSWER 9 OF 13	CAPLUS	COPYRIGHT 2007 ACS on STN
AN	2002:471895	CAPLUS	
DN	137:247903		
TI	Catalytic and selective conversion of glycine into serine by the reaction with formaldehyde in a neutral aqueous solution		
AU	Yashiro, Morio		
CS	Department of Chemistry and Biotechnology, Graduate School of Engineering, The University of Tokyo, Tokyo, 113-8656, Japan		
SO	Bulletin of the Chemical Society of Japan (2002), 75(6), 1383-1384		
	CODEN: BCSJA8; ISSN: 0009-2673		
PB	Chemical Society of Japan		
DT	Journal		
LA	English		
OS	CASREACT 137:247903		
IT	460357-05-5P		
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)		
	(preparation of copper complexes as catalysts for the reaction of glycine with formaldehyde to give serine in neutral aqueous solution)		
RN	460357-05-5		
CN	1,4-Benzenedimethanamine, N,N,N',N'-tetrakis(2-pyridinylmethyl)-, tetrahydrochloride (9CI) (CA INDEX NAME)		



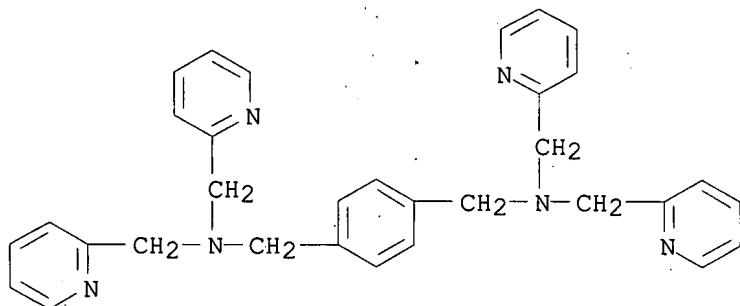
● 4 HCl

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT



11/494,943-4

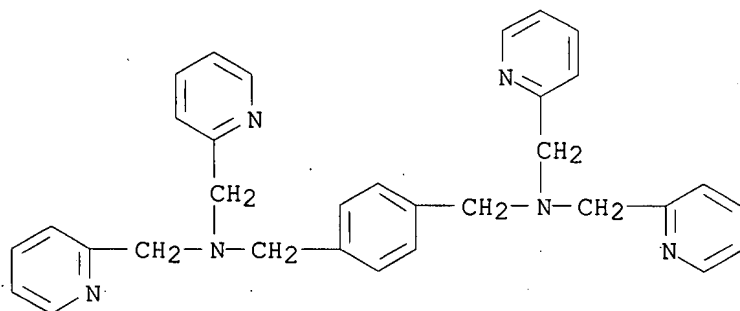
L4 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2001:670580 CAPLUS
DN 136:6251
TI Dinucleotide hydrolysis promoted by dinuclear Zn complexes - the effect of
the distance between Zn ions in the complexes on the hydrolysis rate
AU Kawahara, Shun-ichi; Uchimaru, Tadafumi
CS National Institute of Advanced Industrial Science and Technology, Tsukuba,
305-8565, Japan
SO European Journal of Inorganic Chemistry (2001), (9), 2437-2442
CODEN: EJICFO; ISSN: 1434-1948
PB Wiley-VCH Verlag GmbH
DT Journal
LA English
OS CASREACT 136:6251
IT 263713-26-4DP, zinc and copper complexes
RL: BPN (Biosynthetic preparation); CAT (Catalyst use); BIOL (Biological
study); PREP (Preparation); USES (Uses)
(dinucleotide hydrolysis promoted by dinuclear zinc complexes and the
effect of the distance between zinc ions in the complexes on the
hydrolysis rate)
RN 263713-26-4 CAPLUS
CN 1,4-Benzenedimethanamine, N,N,N',N'-tetrakis(2-pyridinylmethyl)- (9CI)
(CA INDEX NAME)



IT 263713-26-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(dinucleotide hydrolysis promoted by dinuclear zinc complexes and the
effect of the distance between zinc ions in the complexes on the
hydrolysis rate)

RN 263713-26-4 CAPLUS

CN 1,4-Benzenedimethanamine, N,N,N',N'-tetrakis(2-pyridinylmethyl)- (9CI)
(CA INDEX NAME)



RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD

11/494,943-4

ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/494,943-4

L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2000:688234 CAPLUS

DN 133:266589

TI Preparation of heterocyclic derivatives as chemokine receptor antagonists effective against HIV, tumor, and allergy

IN Bridger, Gary; Skerlj, Renato; Kaller, Al; Harwig, Curtis; Bogucki, David; Wilson, Trevor R.; Crawford, Jason; McEachern, Ernest J.; Atsma, Bem; Nan, Siqiao; Zhou, Yuanxi; Schols, Dominique

PA Anormed Inc., Can.

SO PCT Int. Appl., 274 pp.

CODEN: PIXXD2

DT Patent

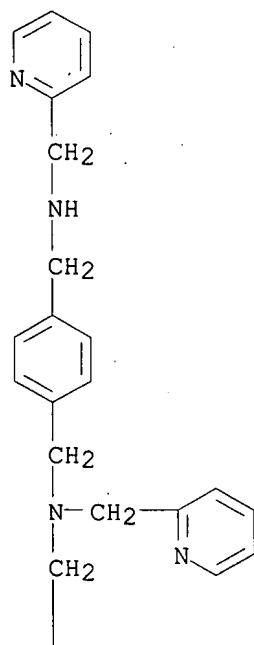
LA English

FAN.CNT 1

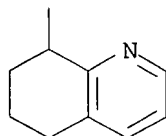
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PI	WO 2000056729	A1	20000928	WO 2000-CA321	20000324
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2368047	A1	20000928	CA 2000-2368047	20000324
	EP 1163238	A1	20011219	EP 2000-913979	20000324
	EP 1163238	B1	20060531		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY				
	BR 2000010655	A	20020213	BR 2000-10655	20000324
	HU 200200761	A2	20020629	HU 2002-761	20000324
	TR 200102799	T2	20020722	TR 2001-2799	20000324
	NZ 514709	A	20030328	NZ 2000-514709	20000324
	JP 2003524620	T	20030819	JP 2000-606590	20000324
	US 6750348	B1	20040615	US 2000-535314	20000324
	AU 775123	B2	20040715	AU 2000-35460	20000324
	AT 327988	T	20060615	AT 2000-913979	20000324
	AP 1654	A	20061031	AP 2001-2269	20000324
	W: GM, GH, KE, LS, MW, MZ, SL, SD, SZ, TZ, UG, ZW				
	ES 2265923	T3	20070301	ES 2000-913979	20000324
	NO 2001004593	A	20011029	NO 2001-4593	20010921
	NO 323703	B1	20070625		
	MX 2001PA09674	A	20030721	MX 2001-PA9674	20010924
	HK 1043985	A1	20061124	HK 2002-103690	20020515
	US 2004235823	A1	20041125	US 2004-837467	20040430
	US 7183273	B2	20070227		
	US 2006264434	A1	20061123	US 2006-494943	20060727
PRAI	US 1999-125823P	P	19990324		
	US 2000-535314	A3	20000324		
	WO 2000-CA321	W	20000324		
	US 2004-837467	A3	20040430		
OS	MARPAT 133:266589				
IT	297769-87-0P 297769-89-2P 297770-79-7P				
	297770-83-3P 297770-85-5P 297770-86-6P				
	297770-87-7P 297771-98-3P 297771-99-4P				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of heterocyclic derivs. as chemokine receptor antagonists effective against HIV, tumor, and allergy)				
RN	297769-87-0 CAPLUS				
CN	1,4-Benzenedimethanamine, N,N'-bis(2-pyridinylmethyl)-N-[(5,6,7,8-				

tetrahydro-8-quinolinyl)methyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

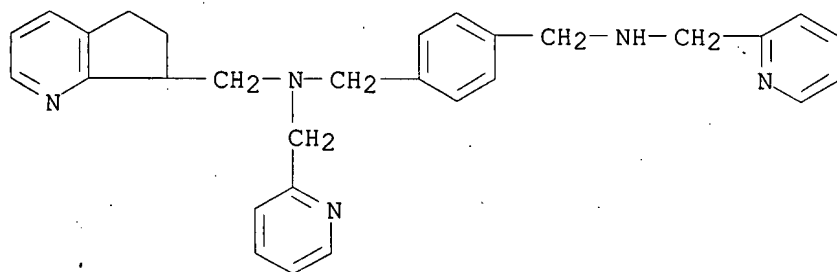


PAGE 2-A



RN 297769-89-2 CAPLUS

CN 1,4-Benzenedimethanamine, N-[(6,7-dihydro-5H-cyclopenta[b]pyridin-7-yl)methyl]-N,N'-bis(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)

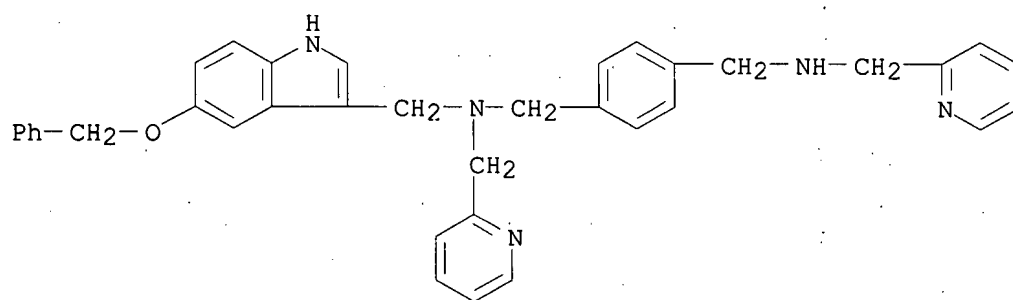


RN 297770-79-7 CAPLUS

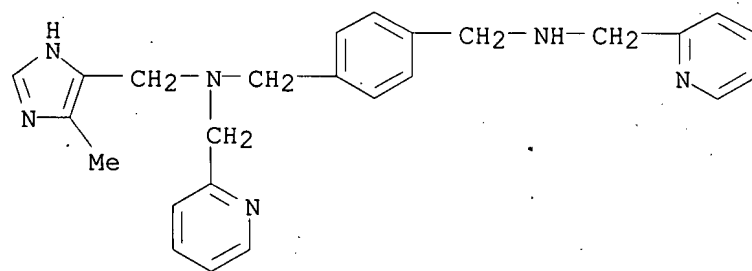
CN 1,4-Benzenedimethanamine, N-(1H-imidazol-2-ylmethyl)-N,N'-bis(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)

c1cc[nH]c1CN(CCNc2ccc(cc2)CNCC3=CC=CC=N3)Cc4ccccc4

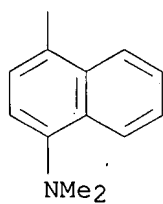
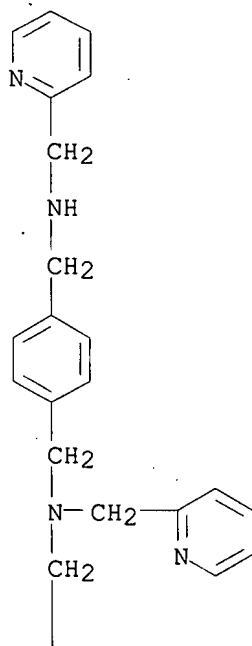
CN 1,4-Benzenedimethanamine, N-[[5-(phenylmethoxy)-1H-indol-3-yl]methyl]-N,N'-bis(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)



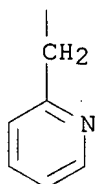
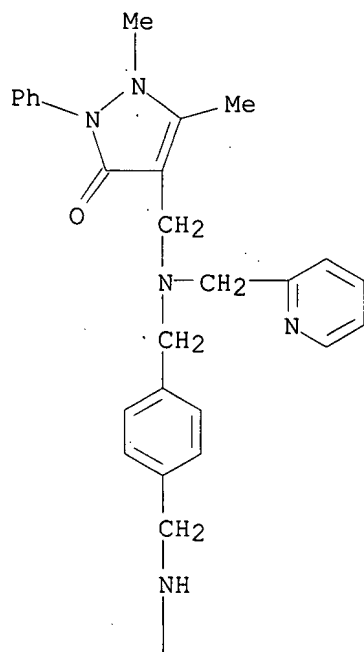
CN 1,4-Benzenedimethanamine, N-[(5-methyl-1H-imidazol-4-yl)methyl]-N,N'-bis(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)



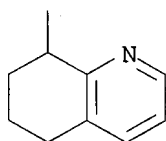
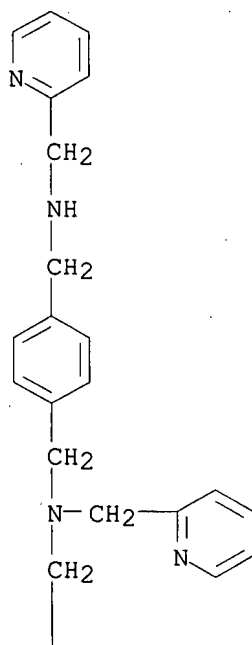
CN 1,4-Benzenedimethanamine, N-[[4-(dimethylamino)-1-naphthalenyl]methyl]-
N,N'-bis(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)



RN 297770-87-7 CAPLUS
 CN 3H-Pyrazol-3-one, 1,2-dihydro-1,5-dimethyl-2-phenyl-4-[[[(2-pyridinylmethyl)amino]methyl]phenyl]methyl]amino]methyl]- (9CI) (CA INDEX NAME)

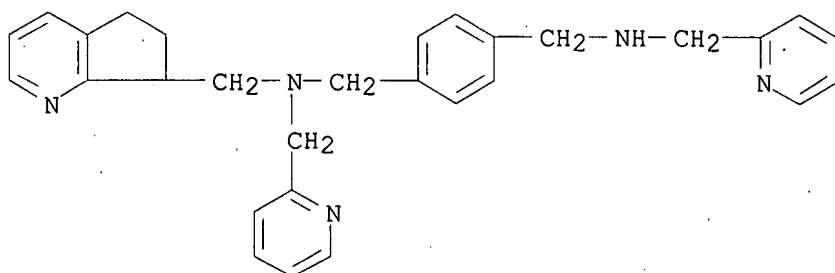


RN 297771-98-3 CAPLUS
 CN 1,4-Benzenedimethanamine, N,N'-bis(2-pyridinylmethyl)-N-[(5,6,7,8-tetrahydro-8-quinolinyl)methyl]-, hydrobromide (10:47)·(9CI) (CA INDEX NAME)



●47/10 HBr

RN 297771-99-4 CAPLUS
 CN 1,4-Benzenedimethanamine, N-[(6,7-dihydro-5H-cyclopenta[b]pyridin-7-yl)methyl]-N,N'-bis(2-pyridinylmethyl)-, hydrobromide (10:47) (9CI) (CA INDEX NAME)



●47/10 HBr

IT 298680-95-2P

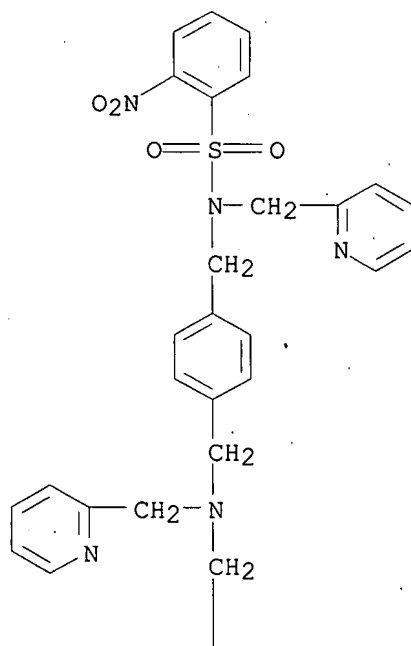
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

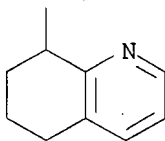
(preparation of heterocyclic derivs. as chemokine receptor antagonists effective against HIV, tumor, and allergy)

RN 298680-95-2 CAPLUS

CN Benzenesulfonamide, 2-nitro-N-(2-pyridinylmethyl)-N-[[4-[(2-pyridinylmethyl)[(5,6,7,8-tetrahydro-8-quinolinyl)methyl]amino]methyl]phenyl)methyl]- (9CI) (CA INDEX NAME)

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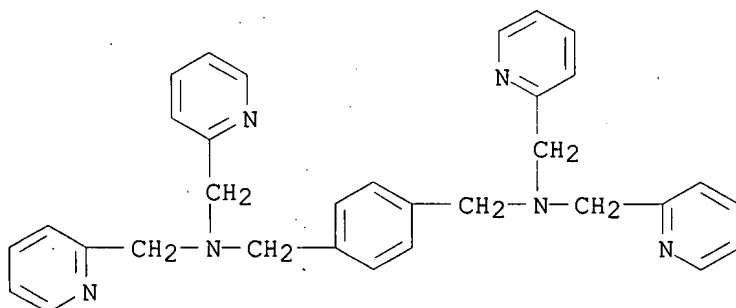


RE.CNT 8

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

11/494,943-4

L4 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2000:125008 CAPLUS
DN 132:275570
TI The relationship between metal-metal distance of two metal ions chelated
complex and RNA cleavage activity
AU Kawahara, Shun-Ichi; Uchimaru, Tadafumi
CS Department of Physical Chemistry, National Institute of Materials and
Chemical Research, Agency of Industrial Science and Technology, MITI,
Tsukuba Science City, 305-8565, Japan
SO Nucleic Acids Symposium Series (1999), 42(Twentsixth Symposium on Nucleic
Acids Chemistry, 1999), 157-158
CODEN: NACSD8; ISSN: 0261-3166
PB Oxford University Press
DT Journal
LA English
IT 263713-26-4D, lanthanum ion complexes
RL: CAT (Catalyst use); PRP (Properties); USES (Uses)
(relationship between metal-metal distance of two metal ions in
chelated complex and RNA cleavage activity)
RN 263713-26-4 CAPLUS
CN 1,4-Benzenedimethanamine, N,N,N',N'-tetrakis(2-pyridinylmethyl)- (9CI)
(CA INDEX NAME)



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

47.53

219.84

STN INTERNATIONAL LOGOFF AT 19:59:13 ON 31 AUG 2007